

BUSINESS ANALYTICS ASSIGNMENT

Day-8:

1 .Explain the concept of p-value.

2.What is the difference between Type I and Type II errors?

3.What is Principal Component Analysis (PCA), and how is it used for dimensionality reduction?

4. Explain the concept of Generalized Linear Models (GLMs).

5.What is Survival Analysis, and what are some common techniques used?

6.What is the purpose of the ROC Curve and AUC in classification models?

7.What are Convolutional Neural Networks (CNNs), and how are they used in statistical analysis?

8.Explain the concept of Dimensionality Reduction and its importance.

9. What is a Gaussian Mixture Model (GMM), and how is it used for clustering?

10 .What is ANOVA?